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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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EXAMINER

YENKE, BRIAN P

ART UNIT PAPER NUMBER

2622

DATE MAILED: 09/28/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/911,319

Applicant(s)

MITTS ET AL.

Examiner

BRIAN P. YENKE

Art Unit

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Amendment/Election (14 July 2006).
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 21-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 21-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on RCE 17 Apr 06/Election and Amendment 14 July 2006 has been entered.

Response to Arguments

2. Applicant's arguments filed 17 Apr 06 have been fully considered but they are not persuasive.

Applicant's Arguments

a) Applicants states that Corey does not suggest a prior stored profile query or a text based report of subsequent in time geographically diverse broadcasts.

Examiner's Response

a) The examiner disagrees. Corey discloses which allows a user to retrieve/target broadcasts which are being received or not, thus allowing the user to search past/present and future broadcasted programs which may fit the user desired query. Regarding the text based report of subsequent in time geographically diverse broadcasts, the examiner notes the claims as currently recited states "at least one broadcast source from geographically diverse broadcast

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sources”, wherein Corey recites a tuner(s)-receiver(s) 24 which may located remotely or not, which receive information from video source 28 which may be wireless or cable broadcasting of closed caption programming, which meets the text report of geographically diverse broadcasts. It is also noted that Corey recites that an index text record in addition to a video index record which may be to retrieve the corresponding video segment if desired. (col 2, line 5-29).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 21-34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Corey, US 5,703,655 in view of Hullinger et al., US 6,295,092.

In considering claims 21-22, and 26-29, 33-34,

a) the claimed a tuner... is met by tuner receiver 24 (Fig 2), wherein Corey discloses that tuner/receiver 24 may be remotely located (col 3, line 37-51) in addition to the use of a plurality of receiver-tuners (col 4, line 60-61) wherein the receiver-tuner 24 may be used by a plurality of users (col 5, line 1-4). The tuner-receiver 24 receives RF signals from a video source 28 which may be wireless or cable broadcasting of closed caption programming (e.g. news reports and/or movies) (col 3, line 37-42).

b) the claimed a decoder is met by closed caption decoder 52 (Fig 2)

c) the claimed a text handler is met by closed caption formatter 204 (Fig 2) which transforms all closed caption data into a common format and outputs the caption data to at least a video retrieval index generator 212 and optionally to close caption storage 72 (col 5, line 31-57).

e) the claimed a previously submitted search profile... is met by user input device 76 (Fig 1) which is input/saved into the system (at a second time) prior to receipt of such broadcasts (first time).

f) the claimed processing means... is met by video retrieval system 20 where the closed-caption data is evaluated using engine 232, which evaluates a users/operators request using a context-free query evaluator and a semantic query evaluator 240 (Fig 7). The text thus stored in the storage 72, may contain any predetermined letters or characters defined by the search string implemented by a user.

However, Corey does not explicitly recite the use of a server (limitation d). Corey does disclose the storage of text files both in closed caption storage 72 and generator 212.

Corey discloses a video retrieval system 20 which can interact with a plurality of users, plurality of video signal sources/tuners, where the control module 60/formatter 204 transforms all closed caption input data into a common input and output the data to at least an index generator 212 and optionally to a closed caption storage 702 (Fig 1, 2). Corey also discloses a control module 60 which receives the decoded closed caption data via decoder 52 and transforms all closed caption input data into a common closed caption format (col 5, line 31-34).

Hullinger et al., US 6,295,092 discloses a system for analyzing television programs, where a capture machines 14, 16 and 18 which capture the video, audio as well as the closed captioned data and correspondingly the machines break the news stories into segments and

classify the contents accordingly. The machines 14, 16 and 18 then transfer the analyzed data to the user interface 24 via server 20.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify, Corey, which discloses the acquisition/retrieval/transmission of video/audio/cc data, where a plurality of users can access closed caption storage 72 via control module 60, with Hullinger, to utilize control module 60 as a server which can also provide data/retrieval to a plurality of users.

In considering claims 23-24 and 30-31,

Corey does not specifically disclose the printable document having information that identifies the inquiry client. Corey does disclose that the documents are identified by titles indicating the category.

The annotation in a search/retrieval system which identifies the requester and the source of the information is conventional in the art. The examiner relies on Hullinger which discloses that the broadcast source is identified in the generated results.

Regarding the document including the inquiry client, both Corey and Hullinger disclose transmitting to the user the information requested. Thus although the record/text might not include the name/inquiry client, the transmission of the document to the appropriate user out of a plurality of users, performs identification.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify Corey and Hullinger which provide a search resultant television system which allows the user(s) to search/retrieve desired information, and transmitting back to the user the requested/desired information, by also including on the document the user requesting the

information, in the event more than one user is utilizing the same computer/PC, which would readily provide the results to the appropriate user.

In considering claims 25, and 32,

Neither Corey nor Hullinger disclose an embedded link. However, the use of an embedded link provided to a user to access additional information is widely known and conventional in the art.

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to modify Corey and Hullinger which provide a search resultant television system which allows the user(s) to search/retrieve desired information, and transmitting back to the user the requested/desired information, by also including an embedded link in the information provided to the user to allow the user access to additional information if available.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure—see newly cited references on attached form PTO-892.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Yenke whose telephone number is (571)272-7359. The examiner work schedule is Monday-Thursday, 0730-1830 hrs.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's Supervisor, David L. Ometz, can be reached at (571)272-7593.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(571)-273-8300

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is

(703)305-HELP.

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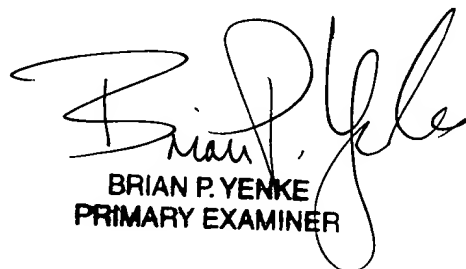
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B.P. Y
26 September 2006



BRIAN P. YENKE
PRIMARY EXAMINER